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ABSTRACT

ASYNCHRONOUS SCHEDULER

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An interface arrangement provides interfacing between a frame based telecommunications network in which traffic is transported in frames and an asynchronous network in which traffic is transported in cells or packets. Each TDM frame supports a plurality of data structures each comprising one or more channels. Credits corresponding to bandwidth entitlement are issued at a substantially constant rate and are assigned to the data structures according to the size of those structures by a connection control. Each data structure is accorded a threshold number of assigned credits, and when this number has been reached, the data structure is assembled into cells or packets for dispatch into the asynchronous network.

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